



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁵ :

H04L 27/30

A1

(11) International Publication Number:

WO 92/1172

(43) International Publication Date:

9 July 1992 (09.07.9

(21) International Application Number: PCT/US91/09614

(22) International Filing Date: 20 December 1991 (20.12.91)

(30) Priority data:

632,452

21 December 1990 (21.12.90) US

723,106

28 June 1991 (28.06.91) US

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(81) Designated States: CA, DE, GB, JP, KR.

Published

With international search report.

(54) Title: METHOD AND APPARATUS FOR CANCELLING SPREAD-SPECTRUM NOISE

(57) Abstract

A spread-spectrum noise canceller is provided for cancelling user code noise from a spread-spectrum communication channel. The spread-spectrum noise canceller includes a receiver for receiving a spread-spectrum signal (114, 202 or 302) including a first (108, 204 or 304) and at least a second (110, 206 or 306) signal as well as a noise canceller operatively coupled to the receiver for reducing spread-spectrum noise in the first received signal (108, 204 or 304) by substantially processing the at least second received signal out of the received spread-spectrum signal (114, 202 or 302). In addition, a method is provided which cancels user code noise from a spread-spectrum communication channel. The method includes receiving a spread-spectrum signal (114, 202 or 302) including a first (108, 204 or 304) and at least a second (110, 206 or 306) signal and subsequently reducing spread-spectrum noise in the first received signal (108, 204 or 304) by substantially processing the at least second received signal (110, 206 or 306) out of the received spread-spectrum signal (114, 202 or 302).

